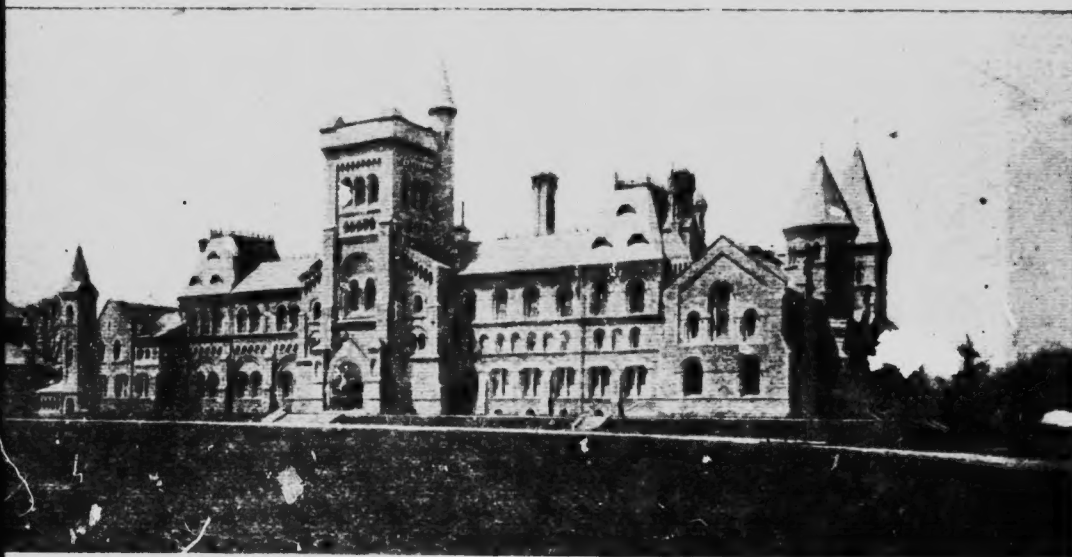


British Medical Association

SEVENTY-FOURTH
ANNUAL MEETING



Preliminary Programme

TORONTO

AUGUST TWENTY-FIRST TO TWENTY-FIFTH
NINETEEN HUNDRED AND SIX

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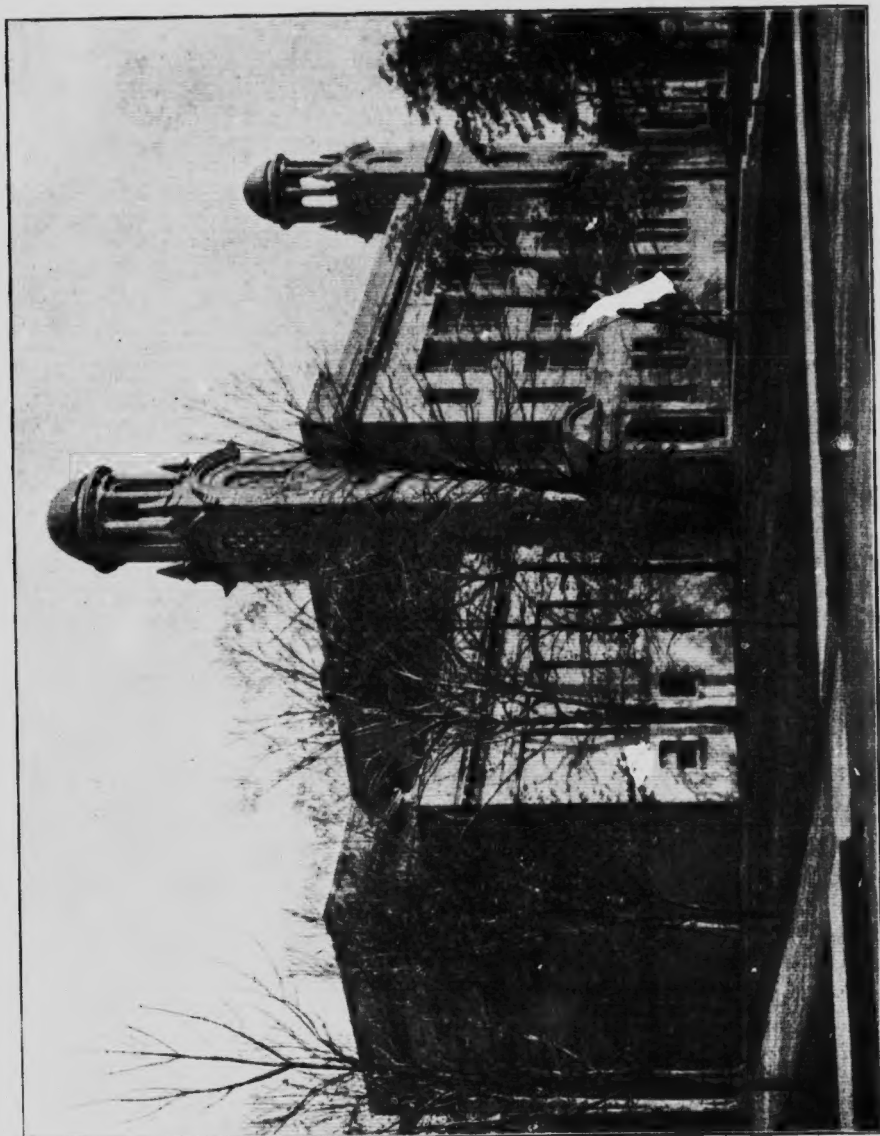
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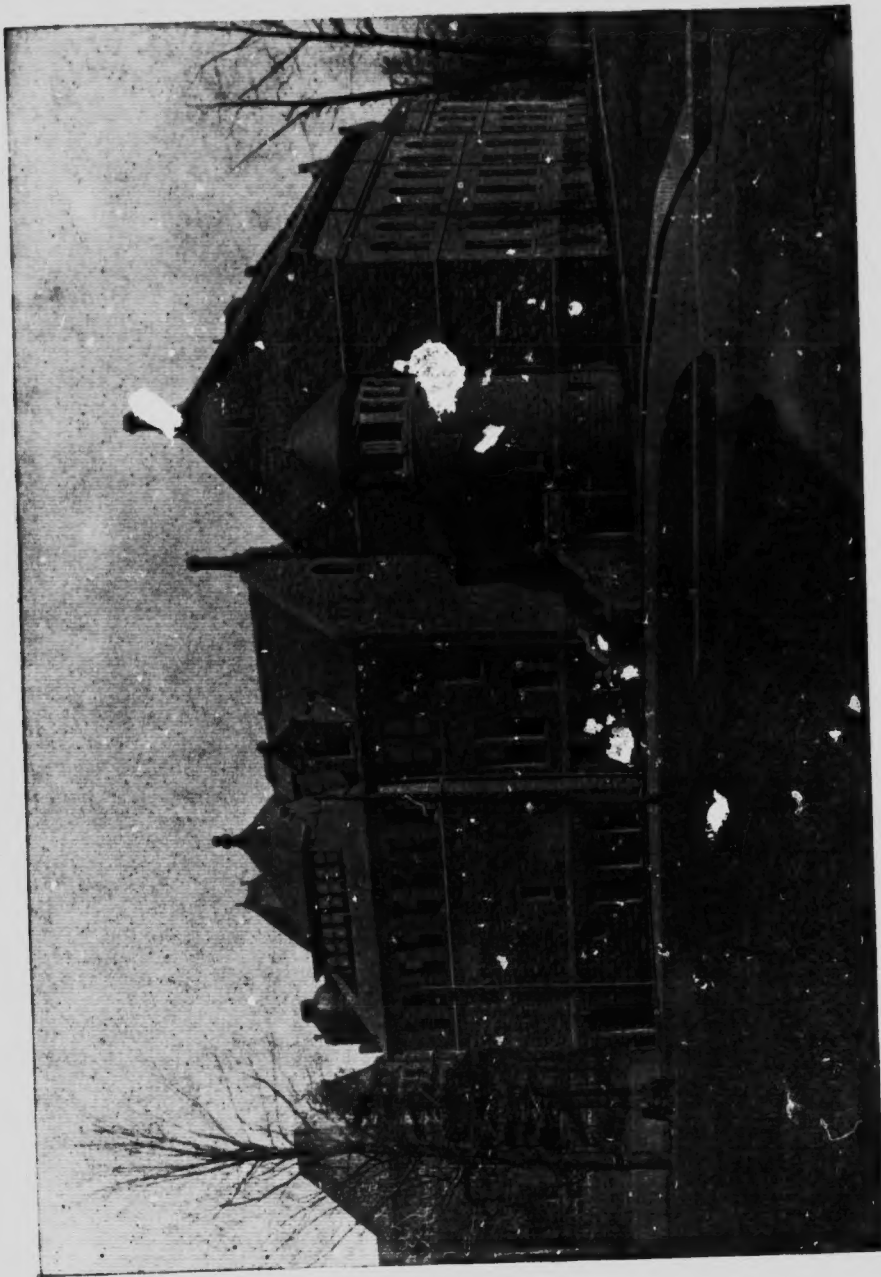
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MEDICAL LABORATORIES.



BIOLOGICAL MUSEUM.

British Medical Association

SEVENTY-FOURTH ANNUAL MEETING

TORONTO

**AUGUST TWENTY-FIRST, TWENTY-SECOND,
TWENTY-THIRD, TWENTY-FOURTH AND TWENTY-FIFTH
NINETEEN HUNDRED AND SIX**

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1. It is the largest city in the leading province of the leading colony of the leading empire of the world.
2. It is the leading agricultural centre in the Empire, and in it is held annually the largest Agricultural and Arts Fair.
3. It is the greatest fresh water city in the empire and is within easy access of Niagara Falls, Hamilton, Rochester, Kingston, The Thousand Islands, and elsewhere, by steamer.
4. It is the most temperate city in the English speaking world.
5. It has the finest choir in America.
6. It is the educational centre of Canada.
7. Ontario has more fresh water for power purposes than any country in the world.
8. The Niagara Peninsula, Ontario, is one of the greatest fruit districts in the world.
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H. S. Hutchison, M.B., Toronto.

PROVISIONAL PROGRAMME.

Tuesday, August 21st.

- 8.30 a.m. Clinic.
- 9.30-12.30 a.m. Meetings of Sections.
- 1.00 p.m. Luncheon for Visiting Ladies.
- 2.00 p.m. Address of Welcome, Introduction of Guests, Delegates, &c., and President's Address.
- 4.30-6.00 p.m. Reception and Garden Party, by His Honor the Lieutenant Governor and Mrs. Clarke at Government House.
- 6.30 p.m. President's Dinner.
- 8.00 p.m. General Meeting.
- 8.30 p.m. Address on Obstetrics, Dr. W. S. A. Griffith.
- 9.30 p.m. Reception by the President and Mrs. Reeve in the University Quadrangle.

Wednesday, August 22nd.

- 8.30 a.m. Clinic.
- 9.30-12.30 a.m. Meetings of Sections.
- 1.00 p.m. Luncheon by invitation of the Dominion Alliance.
- 2.30 p.m. Address on Medicine, Sir James Barr, M.D.
- 3.30 p.m. Garden Party (for ladies), University Women's Club, at Annesley Hall.
- 4.30 p.m. Garden Parties { Prof. Goldwin Smith.
J. W. Flavelle, Esq., LL.D.
- 8.30 p.m. Address on Surgery, Sir Victor Horsley, F.R.S.
- 9.30 p.m. Reception by the Mayor and the City Council, at the City Hall.

Thursday, August 23rd.

- 8.30 a.m. Clinic.
- 8.00 a.m. Ladies Excursion to Niagara Falls.
- 9.30-12.30 a.m. Meetings of Sections.
- 1.30 p.m. Luncheon at the Lakeside Home (limited).
- 2.30 p.m. International Golf Matches at Toronto and Lambton Golf Clubs.
- 7.30 p.m. Annual Dinner.
- 8.00 p.m. Reception for Ladies.

Friday, August 24th.

- 8.30 a.m. Clinic.
- 9.30-12.30 a.m. Meetings of Sections.
- 1.00 p.m. Luncheon for Visiting Ladies.

2.30 p.m. General Meeting.

4.30 p.m. Garden Party, E. B. Osler, Esq., M.P.

8.30 p.m. Reception by the Royal Canadian Yacht
the Island.

Saturday, August 25th.

Excursion to the Niagara Power Company's Works
the courtesy of Sir Henry M. Pellatt (limited).

Excursion to Muskoka Lakes (limited).

Excursion to Lambton Golf Links through the court
President, W. Austin, Esq. (limited).

Excursion to Ontario Agricultural College, Guelph (li

ADDRESSES.

An Address in **MEDICINE** will be delivered
SIR JAMES BARR, M.D., F.R.C.P., F.R.S.E.

**Subject: The circulation viewed from the periph
standpoint.**

An Address in **SURGERY** will be delivered
SIR VICTOR HORSLEY, M.B., F.R.C.S., F.R.S.

**Subject: The Technique of operations on the
Central Nervous System.**

An Address in **OBSTETRICS** will be delivered
by **WALTER SPENCER ANDERSON GRIFFITH,
M.D., F.R.C.P.**

Subject not yet announced.

**The order given below will not necessarily be followed in the final
programme.**

SECTION IN ANATOMY.

The following subjects have been selected for discussion:

(a) "The structure of the Cardiac Glands of Mammals and their
phylogenetic significance, a reply to G. Haane," by Dr. R. R. Bensley,
University of Chicago.

(b) "Reports from the Hull Laboratory of Anatomy, University
of Chicago," by Dr. R. R. Bensley, Chicago.

(c) "The Cytological character of the Cellular Components of
the islets of Langerhans," (N. A. Lane), by Dr. R. R. Bensley,
Chicago.

(d) "The Structure of the Lachrymal and Harderian Glands of Mammals," (J. Sundwall), by Dr. R. R. Bensley, Chicago.

(e) "The anatomical relations and blood supply of the palatine tonsil," by Dr. J. C. Wilson, Chicago.

(f) "An unusual peritoneal anomaly simulating retro-peritoneal hernia," by Dr. J. C. Wilson, Chicago.

(g) "On the Chromatin character of certain parietal cells," by Dr. E. C. Harvey, Chicago.

(h) "On a case of polydactylism in the foot," by Dr. B. C. Harvey, Chicago.

(i) "A case of innervation of M. rectus lateralis oculi by the N. oculomotorius, with absence of N. abducens," by Dr. B. C. Harvey, Chicago.

(j) "The development of the stria vascularis," by Dr. C. E. Shambaugh, Chicago.

(k) "Mucous stains of the Cardiac Glands of the pig," by Dr. R. R. Bensley, Chicago.

(l) "Preparations of the islets of Langerhans to illustrate the characters of the different kinds of cells composing them," by Dr. R. R. Bensley, Chicago.

(m) "Sections of the lachrymal glands," by Dr. R. R. Bensley, Chicago.

(n) "A heart in which the single right pulmonary vein opens opposite the septum atriorum which is incomplete posteriorly," by Dr. J. C. Wilson, Chicago.

(o) "Preparations of the human stomach to illustrate the methods of differentiating the cellular components," by Dr. D. G. Revell, Chicago.

(p) "The circulation in the labyrinth of the ear in the pig," by Dr. C. E. Shambaugh, Chicago.

(q) "The development and variation of the nerves of the posterior limb in man," by Prof. C. R. Bardeen, University of Wisconsin.

(r) "The Arteriae Rectae of the Mammalian Kidney," by Prof. Carl Huber, University of Michigan.

(s) "The form of the Uriniferous Tubules of certain of the lower vertebrates," by Prof. C. Huber, University of Michigan.

(t) "The Morphology of the Hip-joint," Dr. Jenkins, King's College.

(u) "The Marginal Sinus," by Dr. Jenkins, King's College.

(v) "A Symelian Monster," by Dr. Gladstone, Middlesex Hospital.

Papers have also been promised by Prof. J. Playfair McMurrich, University of Michigan; Dr. E. Harrison, University of Johns Hopkins, Baltimore; Dr. Streeter, Baltimore; Dr. Waterson, Edinburgh University; Dr. Donald Armour, London; Dr. Sanders, London; Dr. Paterson, Liverpool.

SECTION IN DERMATOLOGY.

The following subjects have been selected for discussion:

- (a) "The Teaching of Dermatology," by Dr. Norman Walker, Edinburgh.
- (b) "Eczema," to be opened by Dr. A. J. Hall, Sheffield.
- (c) "Psoriasis and light," by Dr. J. N. Hyde, Chicago.
- (d) "Errors in the treatment of Cutaneous Cancer," by Dr. A. R. Robinson, New York.
- (e) "The wrong and the right uses of milk in certain diseases of the skin," by Dr. L. D. Buckley, New York.
- (f) "Dermatitis Vegetans," by Dr. William Thomas Corbett, Cleveland.
- (g) "Multiple and Successive Chancres and Pathology of Syphilitic Infection," by Dr. R. W. Taylor, New York.
- (h) Lantern slide demonstration, by Dr. J. A. Fordyce, New York.
- (i) Photographs, by Dr. F. J. Shepherd, Montreal.
- (j) Papers will also be given by Dr. Gilchrist, Baltimore; J. C. Johnston, New York; and S. Pollitzer, New York.

SECTION IN LARYNGOLOGY AND OTOTOLOGY.

The following subjects have been selected for discussion:

- (a) "Operations for the correction of deviations of the Nasal Septum," to be opened by Dr. St. Clair Thomson, London, and followed by Dr. Roe, Rochester; Dr. McDonagh, Toronto; Dr. Freer, Chicago, and others.
- (b) "On the Laryngeal disturbances produced by Voice Use," to be opened by Dr. Middlemas Hunt, of Liverpool, followed by Dr. Chappell, of New York; Dr. Birkett, of Montreal; Dr. Casselberry, of Chicago, and others.
- (c) "On the Indications for the Ligation of the Jugular Vein in Otitic Pyæmia," to be opened by Dr. Hugh Jones, Liverpool, and followed by Dr. McKernon, New York, and others.

(d) "On Laryngeal Stenoses in Infants," to be opened by Dr. Logan Turner, Edinburgh, followed by Dr. Ashby, Manchester, and others.

The latter discussion will be before a Session held jointly with the Section on Children's Diseases.

The following Papers have also been offered:

(a) "The Pathogenic Influence of Aural Lesions on Systemic Disease," by Dr. MacCuen Smith, Philadelphia.

(b) "Polypus," by Dr. Eugene Yonge, Manchester.

(c) "To what extent is it advisable to adopt conservative methods in the treatment of Aural Diseases," by Dr. Bacon, New York.

(d) "The value of the Blood-clot as a primary dressing in Mastoid Operations," by Dr. Clarence Blake, Boston.

(e) "Skiagraphy as an aid in the diagnosis of treatment in the diseases of Accessory Sinuses of the nose," with lantern exhibition of negatives, by Dr. Coakley, New York.

(f) "Some Cases of Suppurative Frontal Sinus Disease presenting unusual features," by Dr. Perry Goldsmith, Belleville.

(g) "Abductor Paralysis with a report, of two cases," by Dr. George L. Richards, Fall River, Mass.

(h) "Exhibition of specimens, drawings and instruments in connection with the Submucous Resection of the deviated Nasal Septum," by Dr. W. L. Ballenger, Chicago.

(i) "The Use of the Cold Wire Snare in removing Hypertrophied Tonsils," by Dr. Alice G. Bryant, Boston.

(j) "Thyrotomy and Laryngectomy for malignant disease of the Larynx," by Dr. Chevalier Jackson, Pittsburg.

(k) "A study of the Anatomy of the Accessory Sinuses of the Nose from reconstructions," exhibition of drawings and preparations by Dr. H. W. Loeb, St. Louis.

(l) "The origin of Sputa," by Dr. W. Peyre Porcher, Charleston.

Papers are also expected from Dr. Smurthwaite, Newcastle; Dr. Watson Williams, Dr. Herbert Tilley, and others.

SECTION IN MEDICINE.

The following subjects have been selected for discussion:

Tuesday, August 21—Discussion: "Blood Pressure in Relation to Disease." The subject will be treated under the following headings:

(a) "Physiological Introduction," by Dr. Percy M. Dawson, Baltimore.

(b) "Clinical Methods of Investigating Blood Pressure," by Dr. G. A. Gibson, Edinburgh.

(c) "Pathology and Therapeutics of Morbid Blood Pressure," by Sir Wm. Broadbent, London.

(d) "The Relation of Blood Pressure to Arterial Sclerosis," by Prof. Clifford Allbutt, Cambridge. The following will also take part: Dr. J. Mackenzie, Burnley, Sir James Barr, Liverpool, and others.

Wednesday, August 22—A joint discussion with the Section of Physiology on "Over Nutrition and Under Nutrition, with special reference to Protein Metabolism," to be opened by Prof. Chittenden, Yale, to be followed by Professor Halliburton, London, Professor Wm. Osler, Oxford, Dr. Otto Folin, Waverley, Mass., Dr. R. Hutchison, London, and others.

Thursday, August 23—"Some Aspects of Heart Block," by Professor Wm. Osler, Oxford, Dr. J. Mackenzie, Burnley, Dr. Erlanger, Baltimore, and Dr. Aschoff, Freiburg, Dr. W. S. Morrow, Montreal, Dr. G. A. Gibson, Edinburgh, and others.

Friday, August 24—Papers.

The following papers have been arranged for:

(a) "Some Clinical Manifestations, Visceral and General, of Arterio-sclerosis," by Dr. Alfred Stengel, Philadelphia.

(b) "Paracentesis of the Pericardium; Indications and Methods," by Dr. George Dock, Ann Arbor.

(c) "Gastric Neurasthenia," by Dr. Hugh A. McCallum, London, Ont.

(d) "Syringomyelia, with a Cavity traced from the Sacral Region to the Upper Part of the Internal Capsule," by Dr. W. G. Spiller, Philadelphia.

(e) "The Treatment of Typhoid," by Dr. F. T. Smith, London.

(f) "The Treatment of Typhoid," by Dr. W. B. Thistle, Toronto.

(g) "The Pathology of Neurasthenia," by Dr. T. D. Savill,
London.

(h) "Amino-acids and Metabolism," by Dr. L. F. Barker,
Baltimore.

(i) "Four Cases of Gangrene of the Lung; Operations, Recovery," by Dr. Ridley MacKenzie, Montreal.

(j) "The Present Status of Military Medical Arrangements in Canada," by Dr. J. T. Fotheringham, Toronto.

(k) "The Treatment of Neurasthenia in General Hospitals," by Dr. D. C. Meyers, Toronto.

(l) "The Effect of Posture upon the Position of the Heart," by Dr. R. D. Rudolf and Dr. S. Cummings, Toronto.

(m) "The Relation of Gastric Motility to the Process of Digestion," by Dr. Alex. McPhedran, Toronto.

(n) "Neurotic Affections of the Respiratory System," by Dr. A. R. Gordon, Toronto.

(o) Title not yet announced, paper by Dr. J. J. Putnam, Boston.

SECTION IN OBSTETRICS AND GYNÆCOLOGY.

The following subjects have been selected for discussion :

(a) "The Changes in Uterine Fibroids after the Menopause, with Special Reference to Operations," to be opened by Dr. C. L. A. Reed, Montreal.

(b) "Hyperemesis Gravidarum," to be opened by Dr. J. C. Cameron, Montreal.

(c) "The Appendix Vermiformis in Relation to Pelvic Inflammation," to be opened by Dr. T. Arthur Helme.

The following papers are also promised :

(a) "The Treatment of Eclampsia," by Dr. D. J. Evans, Montreal.

(b) "Indications for Cesarean Section, other than Pelvic Deformities or Tumors," by Dr. H. L. Reddy, Montreal.

(c) "Ectopic Gestation," by Dr. J. F. W. Ross, Toronto.

(d) "Metrorrhagia from Conditions of Uterus, other than Neoplastic formations," by Dr. Wm. Gardner, and Dr. J. R. Goodall, Montreal.

(e) "The Value of Conservative Treatment of the Ovaries in View of the After History of Many Patients," by Dr. Joseph Price, Philadelphia.

(f) "The Surgical and Serum Treatment of Puerperal Sepsis," by Dr. Louis S. McMurtry, Louisville.

(g) "Uterine Myomata and their Degenerative Changes," (with lantern demonstrations), by Dr. Thos. S. Cullen, Baltimore.

(h) "Concealed Accidental Hemorrhage," by Dr. A. H. Wright, Toronto.

SECTION IN OPHTHALMOLOGY.

The following subjects have been selected for discussion :

Tuesday, August 21—"Rare forms of Choroiditis," to be opened by Mr. J. B. Lawford, London, and followed by Dr. Hill Griffith, Manchester ; Dr. H. Knapp, New York, and Dr. C. Bull, New York.

(a) "Recent Cases of Wood Alcohol Poisoning," by Mr. Casey Wood, Chicago.

(b) "Trachoma," by Dr. G. S. Ryerson, Toronto.

(c) "Peridectomy," by Dr. L. Webster Fox, Philadelphia.

(d) "Obstruction of Central Retinal Vein," (with lantern demonstrations), by F. H. Verhoeff, Boston.

(e) "Transillumination of the eye with demonstration of the new Ocular Transilluminator, by Dr. H. V. Wurdeman, Milwaukee.

Wednesday, August 22—"Sympathetic Ophthalmia," to be opened by Dr. G. H. Burnham, Toronto, and followed by Dr. Charles A. Oliver, Philadelphia; Mr. Arnold Lawson, London, and Dr. J. W. Stirling, Montreal.

(a) "On Sympathetic Degeneration," by Mr. Freeland Fergus, Glasgow.

(b) "Sympathetic Ophthalmia after Mules Operation," by Dr. W. G. M. Byers, Montreal.

(c) "Relation between Muscular Imbalance and Gastric Symptoms," by Dr. Lucien Howe, Buffalo.

(d) "The dependence of Accommodation and Motility on the Refraction of the Eye," by Dr. H. Knapp, New York.

(e) "Influence of defective eyesight on the mental development of children," by Thomas A. Woodruff, Chicago.

Thursday, August 23—"Affections of the Lachrymal Passages," to be opened by Dr. A. B. Osborn, Hamilton, and followed by Dr. S. Risley, Philadelphia, and Dr. Theobald, Baltimore.

(a) "On the Treatment of Lachrymal Stricture," by Mr. Brailey, London.

(b) "On Accommodation after Middle Life and its Practical Importance," by Dr. Eduard Jackson, Denver.

(c) "Tenotomy of the Inferior Oblique as a Remedy for Some Forms of Ocular Deviation," by Dr. Alex. Duane, New York.

(d) "Two cases of orbital Phlegmon simulating a malignant tumor, caused by Disease of the Ethmoid cells," by Dr. Dunbar Rey, Atlanta.

Friday, August 24—"Visual Tests for Public Services."

"Marine and Railroad Services," to be opened by Dr. T. H. Bickerton, Liverpool, Dr. Williams, Boston, followed by Dr. Allport, Chicago.

"Military Services," to be opened by Mr. Arnold Lawson, London.

"On the Work which can be performed by a One Eyed Man," by Mr. Freeland Fergus, Glasgow.

"Plastographic Tests for Binocular Vision," by Mr. Freeland Fergus, Glasgow.

(a) "Dislocation of the eyeball," by Dr. James Moores Ball, St. Louis.

(b) "Iridus Examination before Cataract Extraction," by Dr. J. P. Morton, Hamilton.

SECTION IN PEDIATRICS.

The following subjects have been selected for discussion :

(a) "Congenital Pyloric Stenosis," the medical aspect being introduced by Dr. Edmund Cautley, London, and the surgical aspect by Dr. Harold J. Stiles, Edinburgh.

(b) "Pneumococcal Infection," introduced by Dr. Henry Ashby, Manchester.

(c) "Pathology of Pneumococcal Infection," by Dr. Stewart MacDonald, Edinburgh.

(d) "A Symposium on Entero-colitis," under the following headings :

1. "Etiology and Symptoms."
2. "Pathology and Bacteriology."
3. "Diagnosis and Prognosis "
4. "Dietetic Treatment," by Dr. J. L. Morse, Boston.
5. "Medical Treatment," by Dr. Lafetra, New York.

(e) "Rheumatism in Children," introduced by Dr. A. D. Blackader, Montreal.

Among those taking part in the discussion on "Rheumatism in Children" are Dr. E. W. Saunders, St. Louis.

Discussion : "On Laryngeal Stenoses in Infants," to be opened by Dr. Logan Turner, of Edinburgh, followed by Dr. Ashby, of Manchester, and others. (*In Session with Section in Laryngology and Otology*).

The following papers will be read :

(a) "Prevention of the Acute Intestinal Diseases of Infants during the summer," by Dr. C. G. Kerley, New York.

(b) "A Study of the Absorption of Fats and Carbo-hydrates in Infants," by T. P. Shaw and Dr. L. Guilday, Montreal.

(c) "The Treatment of Tuberculous Abscess," by Dr. C. L. Starr, Toronto.

(d) "Osteogenesis Imperfecta and Allied Conditions," by Drs. Robert W. Lovett and Edward H. Nichols, Boston.

(e) "Spontaneous Haemorrhages in the New Born," by Dr. Allen Baines and H. T. Machell, Toronto.

SECTION IN PATHOLOGY AND BACTERIOLOGY.

The following subjects have been selected for discussion :

Tuesday, August 21—On "Pathology and Physiology of the Nucleus." To be opened by Professors Adami, Montreal, and A. B. Macallum, Toronto, and followed by Dr. Gustav Mann, Oxford, Prof. E. Wace Carlier, Birmingham, Prof. A. S. F. Grunbaum, Leeds, and Dr. H. E. Roaf, Liverpool.

This will be a joint discussion with the Section in Physiology.

(b) "Concerning the Production of Somatogenic Cytotoxins by the Injection of Nucleoproteids," by Richard M. Pearce, and Holmes C. Jackson, Bender Hygienic Laboratory, Albany, N.Y.

(c) "An Antitoxin for Poisonous Mushrooms," by Dr. W. W. Ford, Johns Hopkins University, Baltimore.

(d) "The Application of Physical Chemistry to Serum Pathology," by Prof. W. H. Mainwaring, Indiana University.

(e) Dr. Robert Muir, Glasgow, will read a paper (title not received).

(f) "Gastric Erosions," by Dr. F. J. Smith and Dr. Miller, Pathological Department, London Hospital.

(g) "The urinary excretion of Potassium Iodide in various morbid conditions," by Dr. O. J. Kauffman, Birmingham.

Wednesday, August 22—(a) On the "Etiology and Life History of Malignant New Growths." To be opened by Prof. H. R. Gaylord, Buffalo; Dr. Clowes, Buffalo; Prof. Gary Caikins, New York; Dr. Ewing, New York, and Dr. Beebe, New York. Prof. G. Sims Woodhead, Cambridge; Prof. A. S. F. Grunbaum, Leeds; Dr. Robert Muir, Glasgow, and others are expected to take part in the discussion.

(b) "Some Results of the Experimental Investigation of Tumors," by Dr. Leo Loeb, Pennsylvania University, Philadelphia.

(c) "Investigation under the Imperial Cancer Research Fund and their Results" (with lantern demonstration), by Dr. E. F. Bashford, London.

(d) "The Leucoblastomata," by Prof. A. S. Warthin, Ann Arbor.

Thursday, August 23—(a) "The Forms of Arterio-sclerosis, their Classification and Experimental Production." To be opened by Prof. W. H. Welch, Johns Hopkins University, Baltimore; Dr. Klotz, Montreal; and Prof. J. J. MacKenzie, Toronto, and followed by Prof. L. Aschoff, Freiburg; Prof. Leith, Birmingham; Prof. Clifford Allbutt, Cambridge; Prof. W. Osler, Oxford; Prof. Adami, Montreal; Dr. Pearce, Albany; Dr. Beattie, Edinburgh, and Dr. Robert Muir, Glasgow.

(b) "Fluid Crystals and their Relationship to Arteriosclerosis and other Pathological Conditions," by Prof. Adami, Montreal.

(c) "On the Elastic Tissue of Arteries," by Dr. Miller, Birmingham (communicated by Prof. Leith).

Friday, August 24 — (a) "Pathogenic Protozoa," by Dr. F. W. Mott, F.R.S., London.

(Acute and Chronic Changes in the Nervous System Produced by Trypanosoma Infections).

(b) "The Nature of Spirochaetes and the Prevention and Cure of Relapsing Fever" (with lantern demonstration), by Prof. F. G. Novy, Ann Arbor.

(c) "Spirochaetes and Trypanosomas," by Dr. J. W. W. Stephens, Johnston Laboratory, Liverpool.

(d) "On the Life-History and Cultivations of Certain Pathogenic Protozoa," by Dr. J. Ballah, Montreal.

(e) "The Diagnosis of Cholera Asiatica," by Dr. Armand Ruffer, Ramleh, Egypt.

(f) "A Beri-Beri-like Disease of the Monkey, and the Pathological Histology of Beri-Beri," by Prof. R. T. Hewlett, King's College, London, together with Dr. DeKorte, London.

(g) "A Demonstration of Bilharzial Preparations," by Prof. W. St. C. Symmers, Queen's College, Belfast.

(h) "The Virus of Smallpox and Vaccinia," by Dr. DeKorte, London (paper communicated from Prof. Hewlett).

Contributions of great interest on other subjects are promised.

SECTION IN PHYSIOLOGY.

The following papers have been offered for this Section :

(a) "Muscle Proteid Immunity," by Dr. S. P. Beebe, New York.

(b) "The Functions of the Renal Tubules and Glomeruli," by Prof. T. G. Brodie, London.

(c) "Demonstration of the Sphinthariscopes," by Prof. F. Gotch, Oxford.

(d) "Proteid Nomenclature," by Prof. W. D. Halliburton, London.

(e) "Structures and Physiological Functions of Amoeba Proteus," by Prof. C. F. Hodge, Worcester, Mass.

(f) "Differentiation of Contractile Protoplasm," by Prof. C. F. Hodge and M. F. Duncan, Worcester, Mass.

(g) "The Absorption of Proteids from the Intestine," by Prof. W. H. Howell, Baltimore.

- (h) "Physiology of Renal Tubules," by Prof. G. C. Huber, Ann Arbor.
- (i) "Blood-platelets," by Prof. G. T. Kemp, Champaign, Ill.
- (j) "Electrical Excitation of Nerves and Muscles," by Dr. Louis Lapicque, Paris.
- (k) "Structure and Functions of Nerve Fibres," by Prof. J. S. MacDonald, Sheffield.
- (l) "Experimental Glycosuria," by Prof. J. J. R. MacLeod, Cleveland, Ohio.
- (m) "A Plea for Micro-physiology," by Dr. Gustav Mann, Oxford.
- (n) "Experimental Glycosuria," by Dr. P. Moore, Dr. M. Eadie, Dr. Spence, and Dr. H. E. Roaf, Liverpool.
- (o) "Effect of Ions on Growth and Cell Division," by Prof. B. Moore, Dr. E. Whitley, and Dr. H. E. Roaf, Liverpool.
- (p) "The Functional Significance of the Convolutional Pattern in the Primates," by Dr. F. W. Mott, London.
- (q) "Chloroform Anaesthesia and a Simple Method of Estimating Chloroform," by Dr. Maurice Nicloux, Paris.
- (r) "Lock-jaw," by Prof. C. S. Sherrington and Dr. H. E. Roaf, Liverpool.
- (s) "The Causes of Fatigue in Certain Pathological States," by Prof. F. S. Lee, New York.
- (t) "The Physiological Action of certain Choline Derivatives," by Dr. Reid Hunt and Dr. R. de M. Taveau, Washington.
- (u) "Acapnia as a Factor in Shock," by Prof. Yandell Henderson, Yale, New Haven.
- (v) "The Metabolism of Kreatin and Kreatinin," by Dr. Otto Folin, Waverley, Mass.
- (w) "The Preservation of Frogs for Physiological Purposes," by Prof. Wesley Mills, Montreal.
- (x) "A Vago-Oesophageal Reflex," by Dr. S. J. Meltzer, New York.
- (y) "The Various forms of the Negative or Physiological Venous Pulse," by Dr. W. S. Morrow, Montreal.
- (z) "Chemical Studies on Growth," by Prof. Yvette B. Mendel, Yale, New Haven.
- (z1) "On the Point of Action of Drugs on the Heart," by Dr. A. J. Carlson, Chicago.

Papers are also promised by the following: Dr. P. T. Herring, Edinburgh; Dr. F. G. Hopkins, Cambridge; Dr. Sutherland Simpson, Edinburgh; Prof. Jacques Loeb, Berkeley; and Dr. P. A. Levene, New York.

Discussion: 1. (With Section on Pathology, Tuesday) "On the Physiology and Pathology of the Nucleus."

2. (With Section on Medicine, Wednesday) "Over Nutrition and Under Nutrition, with Special References to Proteid Metabolism in Health and Disease," to be opened by Prof. R. H. Chittenden, New Haven.

SECTION IN PSYCHOLOGY.

The following subjects have been selected for discussion:

Tuesday, August 21—(a) "Reflexes among the Insane," by Dr. Daniel Clark, Toronto.

(b) "The New Psychology," by Dr. Schofield, London.

(c) "Cerebral Localization in the Study of Psychiatry," by Dr. C. K. Mills, Philadelphia.

(d) "Etiology of General Paresis," by Dr. A. R. Diefendorf, Connecticut.

(e) Discussion: "General Paresis," introduced by the President Dr. Julius Mickle, London, and followed by Dr. Joseph Collins, New York; Dr. Cowles, Boston; Dr. B. Sachs, New York (Pseudo General Paresis).

Wednesday, August 22—(a) "Methods of Staining the Central Nervous System," by Dr. Turner, Brentwood Asylum.

(b) "Diagnosis and Treatment of Peripheral Nerve Lesions," by Dr. Shirres, McGill University, Montreal.

(c) "Feeble Minded Children," by Dr. Shuttleworth, London.

(d) "Relation of Epilepsy to the Blood and Central Nervous System," by Dr. Turner, Brentwood Asylum.

(e) "Epilepsy Exhibited by Kinetoscope," by Dr. Spratling, Sonyea.

(f) Discussion: "Epilepsy—Psychic Fits," introduced by Dr. Alden Turner, London, Eng., and followed by Dr. Shuttleworth, London, Dr. Spratling, New York, Dr. W. G. Spiller, Philadelphia; Dr. Angell, Rochester.

Thursday, August 23—(a) "Insanity of Inebriety," by Dr. Crothers, Hartford.

(b) "Sterilization of Undesirable Degenerates," by Dr. Rentoul, Liverpool.

(c) "Types of the Devolutional Psychoses," by Dr. Farrar, Baltimore.

(d) "A Comparison of the Cells of the Human Cerebellum in Point of Resistance to Disease," by Dr. E. E. Southard, Harvard University.

(e) Discussion: "Dementia Praecox," introduced by Dr. C. K. Clarke, and followed by Dr. Adolph Meyer, New York; Dr. F. X. Dercum, Philadelphia; Dr. Shuttleworth, London.

Friday, August 24—(a) "Application of Modern Hospital Methods to the treatment of Insanity," by Dr. Ryan, Superintendent of Asylum, Kingston.

(b) "Occupation as a Factor in the Treatment of the Insane," by Dr. Mohr, Superintendent of Asylum, Brockville.

(c) "After Treatment of Discharged and Convalescent Cases," by Dr. Dewey, Wauwitsa.

(d) "Mental Processes Produced by Bodily Diseases," by Dr. Savill, London.

(e) "Rational Psycho-Therapeutics," by Prof. Dubois, Berne.

(f) Discussion: "Mind in Medicine," introduced by Dr. Schofield, London, and followed by Pres. Hall, Clark University, Dr. Cowie, Bournemouth, and Dr. A. E. Macdonald, New York.

In addition others will take part who have not yet formally stated their subjects.

We expect also to have papers by Dr. C. L. Dana, New York; Dr. August Hoch, New York; Dr. Hattie, Halifax; Dr. Burgess, Montreal; Dr. Corning; Dr. Diefendorf; Dr. Hurd, Buffalo, and Dr. Hurd of Baltimore.

SECTION IN STATE MEDICINE.

The following subjects have been selected for discussion:

(a) "Protection and Control of Milk Supply."

(b) "Prevention of Tuberculosis."

(c) "Training and Supervision of Midwives."

(d) "Notification of Phthisis."

(e) "Provision and Administration of Isolation Hospitals."

(f) "Isolation Hospitals and 'return' Cases."

(g) "Medical inspection of Children attending Elementary Schools."

(h) "Quarantine and Inspection of Shipping."

(i) "Medical Examination of Immigrants."

(j) "Supply of 'Water Gas'" and "Dangers of Carbon Monoxide Poisoning."

The following papers have been promised :

- (a) "The prevention of Tuberculosis," by Dr. Jas. Roberts, Hamilton.
- (b) "Hygiene of the Home," by Dr. J. J. Cassidy, Toronto.
- (c) "Tuberculosis" (in some phase), by Dr. J. H. Elliott, Gravenhurst.
- (d) "Medical Inspection of schools," by Dr. Helen MacMurchy, Toronto.
- (e) "Medical Inspection of Schools," Wm. Scott, B.A., Toronto.
- (f) "Gas Supplies, their Dangers, etc.," by A. McGill, B.A., Ottawa.
- (g) "The State Control of Health," Dr. Jennie Drennan, St. Thomas.
- (h) "Artificial Purification of Water Supplies," Dr. W. J. Robinson, Guelph.
- (i) "The Protection and Control of Milk Supplies," Prof. R. Harcourt, Guelph.
- (j) "The Protection and Control of Milk Supplies," Dr. Chas. Harrington, Boston.
- (k) "Water Supplies from the Sanitary Standpoint," Dr. H. W. Hill, Minneapolis.
- (l) (a) "Water Gas Poisoning;" (b) "Administration Control of Milk Supply," Prof. John Caister, Glasgow.

SECTION IN SURGERY.

The following subjects have been selected for discussion :

- (a) "Treatment of Prostatic Hypertrophy," by Dr. Geo. A. Bingham, Toronto; followed by Mr. J. Lynn Thomas, C.B., Cardiff.
- (b) "Treatment of Ascites secondary to Chronic Hepatitis," by Mr. Sinclair White, Sheffield; followed by Dr. Stewart, Halifax, and Mr. George Grey Turner, Newcastle-on-Tyne.
- (c) "Ulcer of the Duodenum and its Surgical Treatment," by Dr. W. J. Mayo, Rochester, Minn.; followed by Mr. George Cooper Franklin, Leicester.
- (d) "Treatment of Acute Septic Peritonitis," by Mr. Charles John Bond, Leicester; followed by Dr. William Howitt, Guelph, and Dr. O. M. Jones, Victoria.

Among other subjects which will be discussed are:

- (a) "Transplantation of the Ureters in Ectopia Vesicae," by Dr. Geo. A. Peters, Toronto.

(b) "The Surgery of Banti's diseases," by Dr. Geo. Armstrong, Montreal.

(c) "Intestinal Obstruction in Association with the Vermiform Appendix," by Mr. George Grey Turner, Newcastle-on-Tyne.

(d) "Posture as an Aid in Surgery," by Dr. Murray MacLaren, St. John.

(e) "Injuries to the semilunar Cartilages," by Dr. James Bell, Montreal.

(f) "Appendicitis," (subject to be selected), by Dr. Herbert A. Bruce, Toronto.

(g) Paper—Title to be selected, by Dr. Francis J. Shepherd, Montreal.

(h) "Surgical Treatment of Ulcerative Colitis," by Dr. Ingersoll Olmstead, Hamilton.

Arrangements are being made for the holding of a Surgical Clinic at which a number of interesting cases will be presented by members of the Association.

SECTION IN THERAPEUTICS.

Tuesday, August 21—(a) "The Kidney, its Pharmacology and its Therapeutics," Prof. T. G. Brodie, London.

(b) "The Treatment of Acute Nephritis," Dr. A. O. J. Kelly, Philadelphia; To be discussed by Dr. C. G. Stockton, Buffalo.

(c) "The Treatment of Uraemia," Dr. E. Lefevre, New York; To be discussed by Dr. J. Caven, Toronto.

(d) "The Treatment of Chronic Nephritis," Dr. H. A. Hare, Philadelphia; To be discussed by Dr. Geo. Hodge, London.

Wednesday, August 22—(a) "Opsonines and Animal Vaccines," Dr. G. W. Ross, London.

(b) "The Action of Drugs in Vascular Hypertension," Dr. T. L. Coley, Philadelphia.

(c) "The Therapeutics of Acute Acquired Insanities," Dr. D. R. Brower, Chicago.

(d) "The Respective Spheres of Hygienic and Medicinal Measures in the Treatment of Pulmonary Tuberculosis," Dr. S. S. Cohen, Philadelphia.

(e) "The Working Bulletin System for the Collective Investigation of the Newer Materia Medica," Dr. F. E. Stewart, West Orange.

Thursday, August 23—Joint Session with the Section of Medicine on the Subject of "Heart-Block."

Friday, August 24—I. "The Value of Alcohol in Treatment," Dr. A. D. Blackader, Montreal; to be discussed by Dr. S. J. Meltzer, New York, Dr. R. C. Cabot, Boston; Prof. G. S. Woodhead, Cambridge, Eng.; Dr. W. H. Moorehouse, London, Ont.

II. The Place of Materia Medica and Therapeutics in the Medical Curriculum.

(a) "The Teaching of Materia Medica and Pharmacology," Prof. J. T. Halsey, Tulane University, New Orleans.

(b) "The Teaching of Therapeutics," Prof. T. McCrae, Johns Hopkins University, Baltimore.

(c) "The Place of Materia Medica and Therapeutics in the Medical Curriculum," Prof. C. R. Marshall, University of St. Andrews.

(d) "The Place of Materia Medica and Therapeutics in the Medical Curriculum," Prof. R. B. Wild, University of Manchester. To be discussed by Prof. Osborne, Yale; Prof. Hatcher, Cornell; Dr. J. M. Anders, Philadelphia.

III. The Need and the Place of Psychic Therapeutics in the Medical Curriculum. By Dr. R. C. Cabot, Boston.

PATHOLOGICAL MUSEUM.

It is proposed that the Pathological Museum should be devoted to the following subjects:

1. Series of gross specimens illustrating the anatomy of disease in special organs.
2. Series of gross specimens illustrating the conditions of various organs in the same disease.
3. Gross specimens to illustrate papers in the various sections.
4. Skiagraphic exhibit.
5. Photographs illustrating papers in the various sections.
6. A special exhibition of photographs to illustrate the facies of disease.

Under sections 1, 2, and 3, it is suggested that, as far as possible, preparation by the Kaiserling or other method preserving the natural colour be used.

Under section 1, specimens of the following conditions are especially desired.

- (a) Congenital lesions of the Heart.
- (b) Dissecting Aneurysm and rupture of the Aorta.
- (c) Disease of the Prostate Gland.
- (d) Experimental arteriosclerosis.
- (e) Miscellaneous series..

Under section 4, should members wish to exhibit negatives rather than positives, special arrangements will be made for lighting, but intending exhibitors should notify the Committee of the size of their negatives, so that the necessary frames may be prepared.

Under section 5, the Committee wish to make this exhibit as full and as uniform as possible. It is suggested that the photographs, if possible, be full plate size 8" by 10". If members have especially interesting photographs in smaller size, the Committee will make arrangements to have uniform enlargements 8" by 10" made of the positives or preferably the negatives, if forwarded to Toronto in good time.

Specimens forwarded by express or quick freight from Great Britain should not be sent later than July 5th if they are to reach Toronto in time to be incorporated in the Museum Catalogue. Members bringing specimens with them should send to the Committee before August 1st, the descriptions, so that they may be assigned room and be printed in the Catalogue.

Address communications to the Chairman,
MEDICAL LABORATORIES, TORONTO.

GENERAL INFORMATION.

Items of Special Interest.

In the Main Building of the University of Toronto will be found:

1. An elaborate Museum of Exhibits, of Instruments, Drugs, Medical Publications, Foods, etc. Visitors will do well to inspect this exhibit carefully, and it is suggested as a suitable rendezvous.

2. In the exhibit halls will be found an interesting collection of Indian Pictures from the brush of Paul Kane (loaned by E. B. Osler, Esq., M.P.).

3. Adjoining the exhibit are

Information Bureau,
Registration Bureau,
Post Office,
Express and Telegraph offices,
Offices of the General, and Honorary Local Secretaries,
and of the Editor of the British Medical Journal,
Ladies Reception and Writing rooms,
Public Stenographers.

4. A Restaurant (west wing and Dean's Garden).

5. Office of G. H. Webster, general viséing agent for all railroads.

The Toronto Industrial Exhibition opens on Saturday, August 25th, and continues for two weeks. This will afford an unrivalled opportunity to visitors to obtain an idea of Canadian progress in Agriculture, Manufacture, etc.

At the time of the meeting there will be held in Toronto a Tuberculosis exhibit, which visitors will do well to examine.

Members and guests attending with their motor cars will find Garage accommodation at

The Franco-British Motor Garage, the Mutual Street Rink.

The Dominion Automobile Co. (limited), cor. Bay and Temperance Streets.

The Automobile Supply Co. 24 Temperance Street.

Hyslop Bros., 209 Yonge Street.

British Visitors.

We publish this suggested cable code in duplicate* so that members may tear out one copy and leave it at home and carry the other copy in their pocket.

The cable address of the British Medical Association in Toronto is "Stamawis," and if members will have communications sent to their own name in care of the Toronto Cable address they will receive immediate attention until the meeting is over. We would suggest also that members take some word as their own cable address in Great Britain and register it with the Cable Companies.

The Telegraph lines in Canada are not in Government hands. The cost of telegraphing is one shilling (25 cents) for ten words, address and signature free. From Canada to the United States and *vice versa* the cost for ten words is 1s. 8d. (40 cents), while for cabling from Toronto to the United Kingdom or *vice versa* the rate is one shilling (25 cents) a word, the names and addresses being charged for.

It would be well for members attending the meeting of the British Medical Association to arrange a private Cable code with their family before departure, and the following is a suggested code for the use of members.

* *Duplicate Cable Code on the last page.*

CABLE CODE FOR THE BRITISH MEDICAL ASSOCIATION.

NO.	CODE WORD.	SENTENCES FOR MESSAGE.
1	Ascent	Arrived all well, enjoyed voyage, never missed a meal, most comfortable accommodation.
2	Ambush	Arrived all well, recommend this route and SS. Line.
3	Altar	Arrived all well, had fine passage.
4	Abode	Arrived all well, had stormy passage.
5	Angle	Arrived all well, leave for New York on date indicated.
6	Alps	Arrived all well, leave for West on date indicated.
7	Andes	Arrived all well, leave for place indicated on date indicated.
8	Alley	Am indisposed. Come at once.
9	Arcade	Am not well, but no cause for alarm.
10	Alcove	Am enjoying excellent health, climate and weather delightful.
11	Abhor	Will remain here for some time, write till I cable you to stop.
12	Abuse	Do not write again to this address.
13	Amend	Write frequently.
14	Arouse	The Meeting a great success, everything satisfactory.
15	Babe	Will leave by steamer indicated on date indicated.
16	Back	Expect to arrive at place and date indicated.
17	Bacon	Will leave for place indicated on date indicated.
18	Badger	We are going to place indicated on date indicated.
19	Baize	I am going to place indicated on date indicated.
20	Baker	Send all letters to place indicated, where we will remain till date indicated.
21	Bald	Will be home on date indicated.
22	Balked	Will not be home till date indicated.
23	Ballot	Will return by way of New York, leaving _____ inst.
24	Bamboo	Will return by way of Boston, leaving _____ inst.
25	Banana	Will return by steamer indicated.
26	Bandit	Join our party at place indicated.
27	Banjo	We will meet you at place indicated on date indicated.
28	Banner	Come out and join us by "Allan" Line steamers.
29	Cabol	Come out and join us by "Dominion" Line steamers.
30	Cactus	Come out and join us by "C.P.R." Line steamers.
31	Cameo	I or we will meet you at Quebec or place indicated.
32	Cancer	Am going to take a trip across Continent, am writing particulars.
33	Canny	Cable through Bank of Montreal £10 (or any sum indicated).
34	Canoe	Cable through bank indicated amount indicated.
35	Canto	Send me amount indicated to place indicated.
36	Capon	Strongly advise person indicated to come out at once.
37	Capstan	Urgent case, return immediately.
38	Capsule	All going well at home since you left.
39	Carafe	All going well, can safely remain until date indicated.
40	Carbon	All going well, do not hurry back.
41	Carol	Alarmed at not having any news.
42	Carver	No cause for alarm.
43	Dabble	Anxious to hear from you about _____
44	Dace	Secure a bedroom for me at _____
45	Dagger	Secure two bedrooms for us at _____ for _____ (date).
46	Daily	Secure two bedrooms and sitting room at _____ for _____ (date).
47	Damsel	Secure three bedrooms at _____ for _____ (date).
48	Dance	Secure a double-bedded room at _____ for _____ (date).
49	Dawn	Secure sufficient accommodation at _____ for _____ (date).
50	Deadly	Have secured desired apartments.
51	Debate	Have not been able to secure apartments indicated, but have secured rooms at _____
52	Debris	Wire following message to _____
53	Decay	Give following message to _____
54	Decide	Continue to advise by cable.
55	Decoy	Continue to advise by letter.
56	Decree	What date do you leave?
57	Defame	What date do you arrive?
58	Earth	Departure postponed until _____
59	Ebony	Everything arranged.
60	Echo	Leave arrangements entirely to you.
61	Edify	Cable health of _____
62	Estate	No money, telegraph some through _____
63	Extreme	Send at once £10.
64	Folly	Send at once £20.
65	Fortune	Send at once £50.
66	Forwards	Tel. _____ m received.

Excursions and Side Trips.

Excursion (limited) to Niagara Power Works, Niagara Falls,
August 25th.

Excursion to Muskoka (limited), August 25th to 27th.

Excursion to the Ontario Agricultural College, Guelph (limited),
August 25th.

	DISTANCE	COST (ASSOCIATION RATE) ONE WAY
Quebec to St. John	600 miles	\$13.90
Quebec to Halifax	674 "	14.86
Quebec to Sydney	826 "	18.20
Quebec to Saguenay	225 "	4.50
Toronto to Muskoka	175 "	7.06
Toronto to Niagara Falls	50 "	2.50
Toronto to 1000 Islands	216 "	5.95
Toronto to Georgian Bay	150 "	5.10
Toronto to Sault Ste. Marie	400 "	11.65
Toronto to Temagami	300 "	9.05
Toronto to Kawartha Lake	70 "	3.05
Toronto to Brampton (Dale Estate Rosaries)	22 "	0.65
Toronto to Couchiching	90 "	2.60
Toronto to Vancouver (return via Yellowstone Park if desired)	2600 "	67.75

British visitors may visit all other points in Canada at *half the lowest one way first class fare going* and returning. It is not necessary to travel by the same route. The Certificate supplied by the Eastern Canadian Passenger Association and countersigned by the Secretary must always be presented. For the *transcontinental trip* both British, American and Canadian guests should notify the Honorary Local Secretaries, Medical Building, Toronto, at once, and when possible the names of groups that would like to travel together should be supplied. At present the intention is to send groups of from eighteen to twenty-five in a special sleeper on each of the regular outgoing transcontinental trains, though it is just possible that a special train be sent through as far as Winnipeg and broken up into groups there. Information regarding trips may be obtained from C. B. Foster, District Passenger Agent, C.P.R., 71 Yonge Street, Toronto; J. D. McDonald, G.T.R., Union Station, Toronto; H. F. Chafee, 2 King Street E., Toronto, Richelieu and Ontario Navigation Co.; C. H. Nicholson, Northern Navigation Co., Sarnia, Ont.; Wm. Phillips, Canadian Northern Railway Co., King and Toronto Streets, Toronto; W. H. Moore, James Bay Railway Co., King and Toronto Streets, Toronto; N. Weatherston, Intercolonial Railway, 51 King Street E., Toronto.

Hints to Travellers.

Secure berths at the first possible opportunity, do not delay. We cannot too strongly emphasize this matter. Our object is not to secure your attendance (although it is true that the sooner it is known in Toronto, how many members and their families may be expected from the old country, the greater will be the opportunity of accommodating and entertaining them suitably), but we emphasize the advice thus, because we know that by the middle of August, the homeward journeying from Europe is in full swing, the steamers are crowded, it is next to impossible to obtain berths at the last moment, and consequently the steamship companies can obtain high prices for the most ordinary accommodation.

If any member is doubtful as to whether at the last moment he will be able to cross, we would still recommend that a berth be secured, to be given up if need be a few weeks before the date of sailing. Speaking from personal experience, we have found the various steamship companies perfectly willing to repay deposits for berths during their busy season, provided the berths be given up in due time to allow other travellers to obtain them.

Railway Transportation.

When travelling by night always engage a sleeper as early as possible before starting. A lower berth is more comfortable.

Amount of Luggage.

For travelling on board ship, it is well to have one commodious trunk, not too high (thirteen inches) to be placed under the berth; for those contemplating but a short visit to Canada, this and a hand bag is sufficient.

The steamship companies carry twenty extra cubic feet of luggage free in the hold for each first cabin passenger. The railway companies throughout North America allow one hundred and fifty pounds (free) for each first class passenger.

We most strongly recommend members visiting Toronto to bring one large trunk rather than a multitude of small traps. The express companies (and the porters at Liverpool on the return voyage) charge by the piece, whatever its size. Bring one trunk and a hand bag, roomy, but not too heavy.

Clothing.

The clothing should be much the same as required for a Continental trip. We would point out also the advisability of bringing a dressing gown or capacious ulster. Throughout Canada the tendency is to reduce as much as possible the labors of household service. Thus the bathroom takes the place of the "tub" in the bedroom.

To those coming by the St. Lawrence route and those intending to cross the continent to Vancouver, we would recommend a comfortable cover coat and a suit of thicker underwear, for it may be chilly in the neighborhood of the Straits of Belle Isle, and again when crossing the Rockies. All who cross the Atlantic will find a good travelling rug very comfortable.

Money.

The coinage of Canada and the United States is in the form of dollars and cents; £1 = \$4.86; 4 shillings may be regarded as the equivalent of 1 dollar; 1 shilling is the equivalent of 25 cents; 5 pence is the equivalent of 10 cents; 2½ pence is the equivalent of 5 cents; a half-penny is one cent.

Gold coin is not in general circulation in either Canada or the United States. The medium of circulation being bank notes of various denominations, and silver.

It is necessary to caution travellers, that while the currency of the two countries is of identical value, the bills and silver of the United States are not generally accepted in the Dominion and *vice versa*. There is, however, no difficulty in exchanging one for the other at the banks and exchange offices in the larger towns. But, for convenience sake, we would recommend those travelling *via* New York to keep this in mind and not exchange too large an amount of their money into American notes.

Customs.

The Customs Officials have received instructions from the Commissioner of Customs to facilitate the passing of "usual luggage" with as little delay as possible at Halifax, Quebec and Montreal.

HOTELS AND LODGINGS.

Hotels.

The King Edward, King Street E., 700 guests. *European*—Per day, single room without bath \$1.50 up, with bath \$2.00 up; double room without bath \$2.50 up, with bath \$3.50 up. *American*—Per day, single room without bath \$3.50 up, with bath \$4.00 up; double room without bath \$6.00 up, with bath \$7.00 up.

The Queen's, Front St. W., 200 guests, \$3.00 per day up without bath, \$4.00 with bath (American plan).

Rossin House, King and York Streets, 500 guests, \$2.50 per day (American plan).

The Arlington, King Street W., 50 guests, \$2.00 to \$2.50 per day (American plan).

Walker House, Front and York Streets, 75 guests, \$1.50 per day up.

The Iroquois, King Street W., 60 guests, \$1.50 per day up.

The Tremont, 163 Yonge Street, 100 guests, \$2.00 per day (American plan).

The New Russell House, 217 Yonge Street, 40 guests, \$1.50 per day (special rate).

Hotel Gladstone, 1204 Queen Street W., 75 guests, \$1.50 per day (\$1.00 for bed and breakfast).

Boarding Houses.

The Waverley, 484 Spadina Avenue, 10 guests, \$1.00 to \$1.50 per day.

The Avonmore, 276 Jarvis Street, 25 guests, \$1.25 per day (single meals 25 cents).

The Abberley, 259 Sherbourne Street, 100 guests, \$1.00 per day (special rate).

Mrs. Snell, 39 Grosvenor Street, 10 guests, \$1.25 to \$1.50 per day.

Conservatory Residence, 47 St. George Street, 20 guests, \$1.50 to \$2.00 per day.

Mrs. Ray, 70 Murray Street, 6 guests, \$1.00 per day (room and breakfast).

Queen's Hall, 7 Queen's Park, 48 guests, \$2.00 per day (including meals).

Annesley Hall, Queen's Park, 65 guests, \$1.25 per day (gentlemen preferred to ladies).

Nurses Residence, Children's Hospital, 75 guests.

Address requests for accommodation to the Medical Laboratories, Toronto.

Hotels Outside of Toronto (partial list).

Hotels in Quebec : Chateau Frontenac, St. Louis, Victoria.

Hotels in Montreal : Place Viger, Windsor, St. Lawrence Hall, Queen's.

Hotels in Ottawa : The Russell House, Windsor, Grand Union.

Hotels in Winnipeg : Clarendon, Leland House, Queen's.

Hotels in Halifax : Halifax, Queen's, Waverly.

Hotels in St. John : Royal, Victoria, Dufferin.

Hotels in Sydney : Sydney, Cabot.

Hotels in Kingston : British American, Frontenac, Windsor, Randolph.

Hotels in Muskoka : Royal Muskoka.

Hotels in Penetanguishene and Georgian Bay : The Penetanguishene,

Minneconashene, Sans Souci, Rose Point, Belvidere.

Hotels in Guelph : Royal.

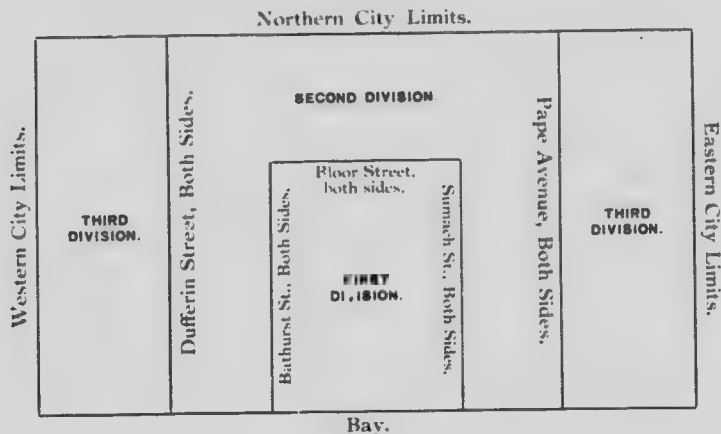
Hotels in Niagara Falls : Clifton House.

Hotels in Niagara on the Lake : Queen's Royal.

Tariffs Relating to Cabs, Livery Carriages, Etc.

Every cabman on each occasion when his cab is hired shall, when demanded of him, hand this card to the person employing him.

No fare is to be paid to any cabman who refuses to hand this card to the person employing him or who demands a greater rate than allowed by the following tariff.



One or Two-horse Cabs.

SERVICE.	FIRST DIVISION.	FARE.
One or two persons.....		50 cents.
Each additional person.....		25 cents.
	SECOND DIVISION.	
One or two persons.....		75 cents.
Each additional person.....		25 cents.
	THIRD DIVISION.	
One or two persons.....		\$1.00.
Each additional person.....		25 cents.

The fare by the hour for one or four persons in a two-horse cab is \$1.25, and for each subsequent hour, \$1.00. Each additional person 25 cents.

The fare by the hour for one or three persons in a single horse cab is \$1.00, and for each subsequent hour, 75 cents.

Night Tariff.

The charges for cabs after 12 o'clock midnight to 6 a.m. shall be one-half more than the aforesaid tariff.

Children.

No fare shall be charged for children under eight years in charge of an adult. Children under eight years and over twelve years charged half-price; over that age, full fare.

Baggage.

One trunk, and articles that may be placed inside the cab, are to be carried free. For every other article placed on the outside of the cab the cabman is entitled to five cents (2½d.)

List of Tram Lines (Street Cars) in Toronto with Places of Interest on Each.

BELT LINE.—Orthopedic Hospital, Queen's Park and Victoria University, McMaster University, Knox College, City Dairy, Government House, Ontario Society of Artists, Princess Theatre, St. James Cathedral, Allan Gardens.

CHURCH STREET.—Public Library, Metropolitan Church, St. Michael's Cathedral, Education Department, Granite Club, Rosedale Golf Grounds, St. Andrew's College (2 miles).

YONGE STREET.—Union Station, Wharves and Ferries to Island and Yacht Clubs, Bank of Montreal, Board of Trade, Shea's Theatre, Robert Simpson Co., T. Eaton Co., Massey Hall (Shuter St.) Upper Canada College (3 miles), Mount Pleasant Cemetery.

KING STREET EAST.—St. James Cathedral, Don River, Toronto Golf Club, Woodbine Race Course, Hunt Club (4 miles), Dentonia Park Farm (4 miles).

KING STREET WEST.—Mimico Asylum, Old Fort, Massey Harris Co., Exhibition Grounds, Humber River.

QUEEN STREET WEST.—City Hall, Osgoode Hall, Armouries, Trinity University, Toronto Asylum, Humber River, High Park, (South Entrance).

QUEEN STREET EAST.—St. Michael's Hospital.

CARLTON AND COLLEGE EAST.—Allan Gardens, Toronto General Hospital, Woman's Medical College, Isolation Hospital, Gaol.

WINCHESTER STREET.—Riverdale Park and Zoo, Cemeteries.

CARLTON AND COLLEGE WEST.—Hospital for Sick Children, Royal Dental College, Queen's Park, Conservatory of Music, Technical School, Parliament Buildings, University of Toronto, Canadian Institute, Grace Hospital, Hospital of St. John the Divine, Western Hospital, High Park (East Section), Toronto Junction, Lambton Golf Grounds.

To Reach the Association.

Take any of the following cars:

College and Yonge St., Bloor and McCaul, or Carlton and College. All other lines will give transfers to one of the above. The fare is 5c. (2½d), for any distance, but tickets can be purchased from the conductors at the rate of six for 25c. (1 shilling).

How to Reach Toronto.

1. European Visitors.

(a) *Present certificates of E. C. P. A., countersigned by the Secretary of the British Medical Association, or Honorary Local Secretary, at place of landing, and buy a ticket to Toronto at a cost of one-half the lowest one way first-class fare and KEEP THE CERTIFICATE FOR FURTHER USE.* (These certificates may be obtained from the General Secretary, Guy Elliston, 429 Strand, London, W.C., or from the Honorary Local Secretaries, Medical Building, Queen's Park, Toronto).

(b) This rate is good till September 30th, 1906, from July 1st.

(c) Side trips may be taken from Toronto to all points in the Territory of the Eastern Canadian Passenger Association, including trips to the Maritime Provinces (see British Medical Journal, May 26th, 1906). To Banff and Vancouver (The return may be via the Northern Pacific, visiting Yellowstone Park), or such shorter trips as The Thousand Islands and the Saguenay, Algonquin National Park, Niagara Falls, Hamilton, Barrie and Lakes Simcoe and Couchiching, Muskoka Lakes, Georgian Bay, Lake of Bays, Temagami, etc., and the Capital of the Dominion, Ottawa.

2. American Visitors.

Obtain certificate from the Railway Agent at starting point and pay full going fare to Toronto. This certificate upon being validated in Toronto will entitle the holder to return by the same way as he came for one-third of the rate which he paid on the coming journey, if by the lines of the Trunk Line Association and Central Passenger Association, or to a free return if by the lines of the New England Passenger Association.

Read particulars given below with care.

3. Canadian Visitors.

Obtain certificate from the Railway Agent at the starting point and pay full going fare to Toronto. This certificate on being validated at Toronto will entitle the holder to return by the same way as he came without further payment.

Read the following particulars carefully.

Canadian Visitors.

Eastern Canadian Passenger Association.

(Including the following Lines).

Algoma Central and Hudson Bay Ry. Bay of Quinte Ry. Boston and Maine R.R. Canadian Pacific Ry. Central Ontario Ry. Central Vermont Ry. Grand Trunk Ry-System. Great Northern Ry. of Canada. Huntsville, Lake of the Bays and Lake Simcoe Nav. Co. Kingston and Pembroke Ry. Muskoka Lakes Nav. and Hotel Co. New York Central and Hudson River R.R. Niagara Nav. Co. Northern Nav. Co. Ontario and Quebec Nav. Co. Oxford Mountain Ry. Ottawa and New York Ry. Ottawa River Nav. Co. Rideau Lakes Nav. Co. Pembroke Nav. Co. Pere Marquette, C.H. and D. Sys. Quebec Central Ry. Quebec Ry. Light and Power Co. Quebec Southern Ry. Richelieu and Ontario Navigation Co. Rutland R.R. Temiscouata Ry. Temiskamming and Northern Ontario Ry. Toronto, Hamilton and Buffalo Ry. Trent Valley Nav. Co. Dominion Atlantic Ry. Intercolonial Ry.

1. Fares, Going Dates and Limits.

(a) Domestic Business, Certificate Plan Arrangements: free return regardless of number in attendance. Passengers going rail, returning R. and O. Navigation Co., or *vice versa* rate to be one and one-half fare.

2. Extension of Time Limit.

On deposit with Joint Agent of Standard Convention certificates issued from points in the Maritime Provinces, points west of Port Arthur and from points in the United States, on or before August 28th, 1906, and on payment of fee of \$1.00 at time of deposit, an extension of time until September 30th to be granted. Joint agency to be conducted in the name of G. H. Webster, Secretary Eastern Canadian Passenger Association, will be kept open from August 21st to September 15th, 1906.

3. Side Trips.

(a) Side trip tickets to be sold from Toronto to delegates from the Maritime Provinces, from points west of Port Arthur and from the United States on presentation of validated certificate, or deposit receipt, at lowest one-way first-class fare for the round trip, to all points in Canada.

Dates of Sale, August 23rd to September 1st, 1906, inclusive. Return Limit, September 30th, 1906.

(b) Side trip tickets also to be sold to delegates from Ontario and Quebec to stations west of and including Sudbury, and east of and including Montreal, on presentation of validated certificate or

deposit receipt, at lowest one-rate first-class fare for the round trip. It being understood also that the arrangements authorized for the extension of time limit from points in the Maritime Provinces, from points west of Port Arthur and from points in the United States will apply for delegates from Ontario and Quebec.

Usual additional arbitraries *via* Upper Lake Steamship to apply, viz., going lake, returning same, \$8.50 additional to be collected. Going lake, returning rail, or going rail, returning lake, \$4.25 additional to be collected. Also usual arbitraries *via* St. Lawrence route, for delegates desiring to return by steamer, on presentation of tickets to purser, viz., \$6.50 Toronto to Montreal; \$3.50 Kingston to Montreal.

Via Northern Navigation Company on lines where meals and berth are included, rate to be single fare plus meal and berth arbitrary.

American Visitors.

The Trunk Line Association covering New York State, Pennsylvania, West Virginia, Maryland, and Washington, including the following railways: Grand Trunk Railway. New York Central and Hudson River R.R. West Shore R.R. New York, Ontario and Western Railway. Erie R.R. Delaware, Lackawanna and Western R.R. Lehigh Valley R.R. Central Railroad of New Jersey. Philadelphia and Reading Railway. Pennsylvania R.R. Baltimore and Ohio R.R. Chesapeake and Ohio Railway.

Persons from points in the territory of the Trunk Line Association, who pay full first-class fare going to the meeting, shall be returned at *one-third* the highest limited fare by the route travelled, *on the certificate of the Trunk Line Association*. This certificate must be obtained from the ticket agent at starting points and when endorsed by the Secretary of the Canadian Committee or the General Secretary of the British Medical Association, and vised by the special agent of the railway companies, may be presented by the holder at the place of meeting to obtain the concession returning. A fee of 25 cents will be charged for each certificate vised.

The returning journey must be made by the line over which the going journey was made.

Guests attending and making use of these certificates should give the ticket agents *timely notice* of their intention, in order that through tickets and certificates may be ready when required.

Going tickets and certificates will be issued August 17-23.

Certificates will be vised August 21-25 inclusive, and then honoured for return tickets to and including August 29. Extension of the return limit may be obtained to leave Toronto up to and including September 30th, by depositing validated certificates with

Mr. G. H. Webster, Joint Agent at Toronto on or before August 28, and making a payment to him of \$1.00 at the time of deposit.

The New England Passenger Association covering Maine, New Hampshire, Vermont, Massachusetts, Connecticut and Rhode Island, including the following railways: Bangor and Aroostock R.R. Boston and Albany R.R. Boston and Maine R.R. Canadian Pacific Ry. Central Vermont Ry. Eastern S.S. Co. Grand Trunk Ry. Maine Central R.R. New York and New Haven and Hartford R.R. Portland and Rumford Falls Ry. Quebec Central Ry. Rutland R.R.

Certificate plan arrangements: Free return regardless of the number in attendance.

Passengers going by rail, returning by Richelieu and Ontario Navigation Co., or *vice versa*, rate to be one and one-half fare.

On deposit with Joint Agent of Standard certificates on or before August 28th, 1906, and on payment of fee of one dollar at time of deposit, an extension of time until September 30th will be granted. Joint Agency to be conducted in the name of G. H. Webster, Secretary, E. C. P. Association, will be kept open from August 21st to September 15th, 1906.

Usual additional arbitraries *via* Upper Lake Steamships to apply, viz., going lake, returning same, \$8.50 additional to be collected. Going lake, returning rail, or going rail, returning lake, \$4.25 additional to be collected. Also usual arbitraries *via* St. Lawrence Route, for delegates desiring to return by steamer, on presentation of tickets to purser, viz., \$6.50 Toronto to Montreal; \$3.50 Kingston to Montreal.

Via Northern Navigation Company on lines where meals and berth are not included, the rail rate will apply; on lines where meals and berth are included, rate to be single fare plus meal and berth arbitrary.

The Central Passenger Association embracing the following lines :

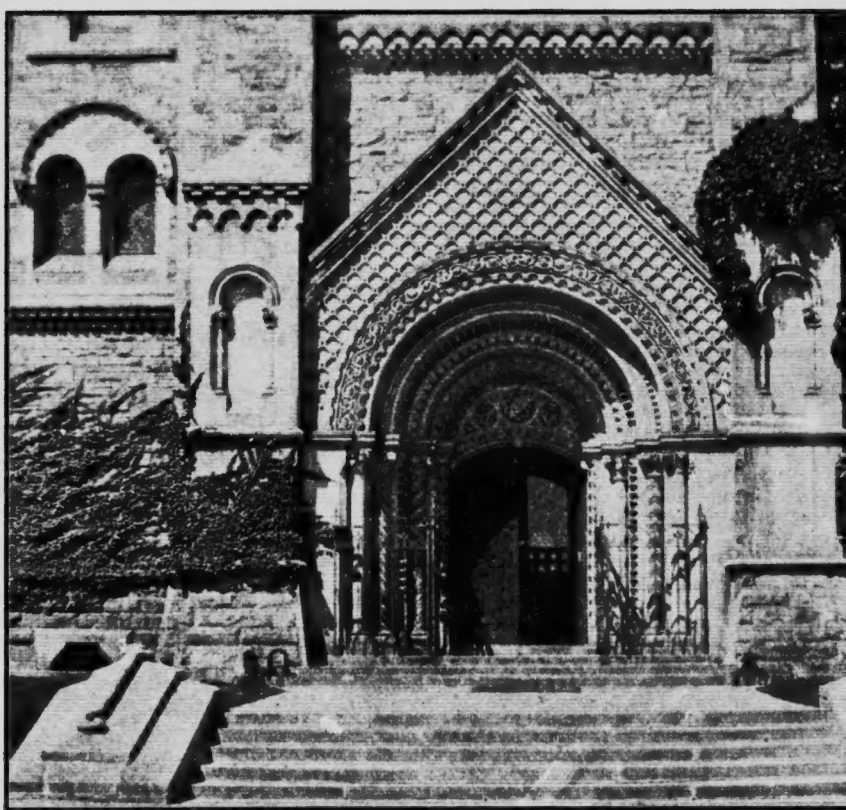
Ann Arbor R. R.	E. & I. R. R.
B. & O. R. R.	E. & T. H. R. R.
B. & O. S. W. R. R.	G. R. & I R'y.
B. & L. E. R. R.	G. T. R'y System.
Big Four Route.	Hocking Valley R'y.
C. & O. R'y.	Illinois Central R. R.
Chicago & Alton R. R.	L. E. A. & W. R. R.
C. & E. I. R. R.	L. E. & W. R. R.
C. & E. and Erie R. R.	L. S. & M. S. R'y.
C. I. & E. R'y.	L. & N. R. R.
C. I. & L. R. R.	L. H. & St. L. R'y.
C. I. & S. R. R.	M. C. & C. R. R.
C. R. I. & P. R'y (between Chicago and Peoria, via Bureau).	Mich. Central R. R.
C. & M. V. R. R.	Mobile & Ohio R. R.
C. H. & D. R'y.	N. Y. C. & St. L. R. R.
C. N. O. & T. P. R'y.	N. & W. R'y.
Cin. Northern R. R.	Ohio Central Lines.
C. A. & C. R'y.	Penna. Lines.
C. & B. Transit Co.	Pere Marquette R. R.
C. C. & L. R. R.	P. & L. E. R. R.
Dayton & Union R. R.	P. L. & W. R. R.
D. & B. S. Co.	So. R'y, (St. Louis Div.)
D. & C. N. Co.	T. P. & W. R'y.
D. T. & I. R'y.	T. St. L. & W. R. R.
D. T. & M. R. R.	Vandalia Railroad.
D. A. V. & P. R. R.	Wabash R. R.
	Wab. & Pitts. Ter. R'y.
	W. & L. E. R. R.
	Z. & W. R'y.

Certificate Plan Arrangements—No refund of fare can be expected because of failure to obtain certificates, or to have them properly vised.

Each person desiring the excursion fare must purchase a first-class ticket to Toronto, and obtain a certificate from the agent at the starting point. Tickets for the return journey will be sold for one-third the amount paid for the going journey, upon presentation of the above certificate vised at Toronto by Mr. Webster, on or before August 28th, upon the payment of 25 cents.

CABLE CODE FOR THE BRITISH MEDICAL ASSOCIATION.

NO.	CODE WORD.	SENTENCES FOR MESSAGE.
1	Ascent	Arrived all well, enjoyed voyage, never missed a meal, most comfortable accommodation.
2	Ambush	Arrived all well, recommend this route and SS. Line.
3	Altar	Arrived all well, had fine passage.
4	Abode	Arrived all well, had stormy passage.
5	Angle	Arrived all well, leave for New York on date indicated.
6	Alps	Arrived all well, leave for West on date indicated.
7	Andes	Arrived all well, leave for place indicated on date indicated.
8	Alley	Am indisposed. Come at once.
9	Arcade	Am not well, but no cause for alarm.
10	Alcove	Am enjoying excellent health, climate and weather delightful.
11	Abhor	Will remain here for some time, write till I cable you to stop.
12	Abuse	Do not write again to this address.
13	Amend	Write frequently.
14	Arouse	The Meeting a great success, everything satisfactory.
15	Babe	Will leave by steamer indicated on date indicated.
16	Back	Expect to arrive at place and date indicated.
17	Bacon	Will leave for place indicated on date indicated.
18	Badger	We are going to place indicated on date indicated.
19	Baize	I am going to place indicated on date indicated.
20	Baker	Send all letters to place indicated, where we will remain till date indicated.
21	Bald	Will be home on date indicated.
22	Balked	Will not be home till date indicated.
23	Ballot	Will return by way of New York, leaving ——— inst.
24	Bamboo	Will return by way of Boston, leaving ——— inst.
25	Banana	Will return by steamer indicated.
26	Bandit	Join our party at place indicated.
27	Banjo	We will meet you at place indicated on date indicated.
28	Banner	Come out and join us by "Allan" Line steamers.
29	Cabot	Come out and join us by "Dominion" Line steamers.
30	Cactus	Come out and join us by "C.P.R." Line steamers.
31	Cameo	I or we will meet you at Quebec or place indicated.
32	Cancer	Am going to take a trip across Continent, am writing particulars.
33	Canny	Cable through Bank of Montreal £10 (or any sum indicated).
34	Canoe	Cable through bank indicated amount indicated.
35	Canto	Send me amount indicated to place indicated.
36	Capon	Strongly advise person indicated to come out at once.
37	Capstan	Urgent case, return immediately.
38	Capsule	All going well at home since you left.
39	Carafe	All going well, can safely remain until date indicated.
40	Carbon	All going well, do not hurry back.
41	Carol	Alarmed at not having any news.
42	Carver	No cause for alarm.
43	Dabble	Anxious to hear from you about ———
44	Dace	Secure a bedroom for me at ———
45	Dagger	Secure two bedrooms for us at ——— for ——— (date).
46	Daily	Secure two bedrooms and sitting room at ——— for ——— (date).
47	Damsel	Secure three bedrooms at ——— for ——— (date).
48	Dance	Secure a double-bedded room at ——— for ——— (date).
49	Dawn	Secure sufficient accommodation at ——— for ——— (date).
50	Deadly	Have secured desired apartments.
51	Debate	Have not been able to secure apartments indicated, but have secured rooms at ———
52	Debris	Wire following message to ———
53	Decay	Give following message to ———
54	Decide	Continue to advise by cable.
55	Decoy	Continue to advise by letter.
56	Decree	What date do you leave?
57	Defame	What date do you arrive?
58	Earth	Departure postponed until ———
59	Ebony	Everything arranged.
60	Echo	Leave arrangements entirely to you.
61	Edify	Cable health of ———
62	Estate	No money, telegraph some through ———
63	Extreme	Send at once £10.
64	Folly	Send at once £20.
65	Fortune	Send at once £50.
66	Forwards	Telegram received.



MAIN ENTRANCE, UNIVERSITY OF TORONTO.





EAST GATE TO UNIVERSITY GROUNDS.